

# FM EXPANSION RAPID

ACTIVITY and planning in the Frequency Modulation (FM) broadcast art, when spread upon a map of the United States, reveal a rapid recent growth of this improved system of radio sound which is fully in keeping with all broadcasts for its rosy post-war future.

Now identified in 38 states, this expansion is developing quite naturally along lines of population density in a pattern inspired by the 44 FM stations (listed be-

low) now on the air. It has begun to make its marks on the vast stretches between the Mississippi Valley and the Rocky Mountains. In the more congested areas of the industrial northeast it is upholding the wisdom of FM Broadcasters, Inc., in its recommendations for additional space in the spectrum.

Because of the wartime equipment "freeze," growth of the static-free, full-fidelity system must be measured largely by

applications for FM stations. These arrive at the Federal Communications Commission daily. The map, as of June 1, spots 154 applicants. More applications have been received by the FCC since that time at the rate of almost one a day.

Estimates reveal that these applicants will spend \$10,000,000 for broadcast equipment alone. Set manufacturers predict 20,000,000 receivers in the hands of listeners within four years after the war.

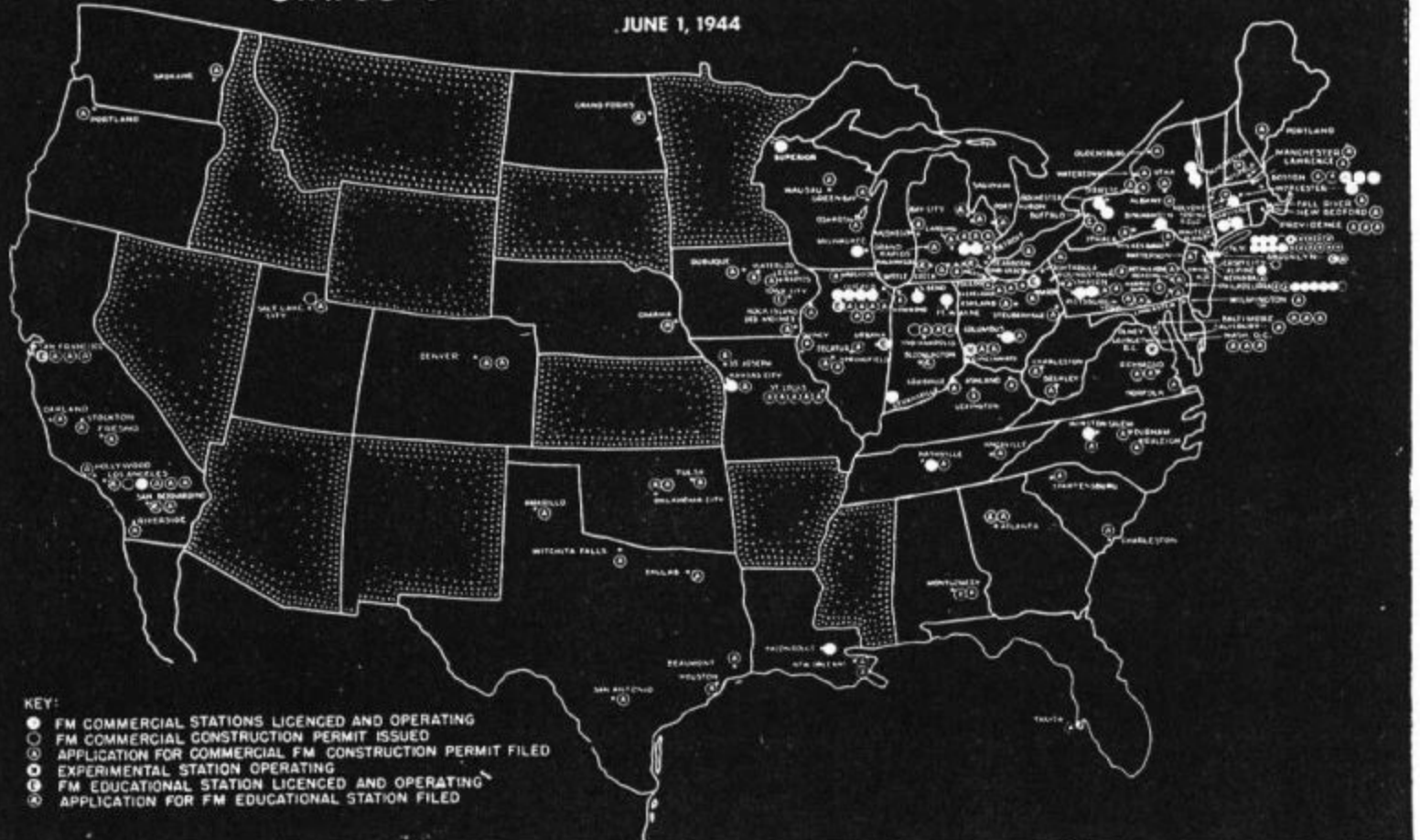
## FM BROADCAST STATIONS IN OPERATION AS OF JUNE 1, 1944

State and City	Licensee	Call Letters	Frequency (kc.)	State and City	Licensee	Call Letters	Frequency (kc.)
<b>CALIFORNIA</b>							
Los Angeles	Don Lee B'casting Sys.	KHJ-FM	44,500	<b>MICHIGAN</b>			
Los Angeles	*M-G-M Studios, Inc.	KTLO	46,100	Detroit	John Lord Booth	WLOU	44,900
<b>CONNECTICUT</b>							
Hartford	Travelers B'casting Serv.	WTIC-FM	45,300	Detroit	Evening News Assn.	WENA	44,500
Hartford	WDRG, Inc.	WDRG-FM	46,500	<b>MISSOURI</b>			
<b>ILLINOIS</b>							
Chicago	CBS	WBBM-FM	46,700	Kansas City	Commercial Radio Equip. Co.	KOZY	44,900
Chicago	Moody Bible Inst. of Chicago	WDLM	47,500	<b>NEW JERSEY</b>			
Chicago	WGN, Inc.	WGNB	45,900	Alpine	Edwin H. Armstrong	WFMN	43,100
Chicago	*WHFC, Inc.	WEHS	48,300	Jersey City	*Bremer B'casting Corp.	WAAW	49,500
Chicago	Zenith Radio Corp.	WWZR	45,100	<b>NEW YORK</b>			
<b>INDIANA</b>							
Evansville	Evansville On The Air, Inc.	WMLL	44,500	Binghamton	Wylie B. Jones Adv. Agency	WBNF-FM	44,900
Fort Wayne	Westinghouse Radio Sta., Inc.	WOWO-FM	44,900	New York	Bamberger B'casting Serv.	WBAM	47,100
Indianapolis	*Associated B'casters, Inc.	WABW	47,300	New York	Municipal B'casting Sys.	WNYC-FM	43,900
South Bend	South Bend Tribune	WSBF	47,100	New York	Columbia B'casting Sys., Inc.	WABC-FM	46,700
<b>LOUISIANA</b>							
Baton Rouge	Baton Rouge B'casting Co.	WBRL	44,500	New York	*William G. H. Finch	WFGG	45,500
<b>MASSACHUSETTS</b>							
Boston	Westinghouse Radio Stas.	WBZ-FM	46,700	New York	Interstate B'casting Co., Inc.	WQXQ	45,900
Boston	Yankee Network, Inc.	WMTW	43,900	New York	Marcus Loew Booking Agency	WHNF	46,300
Boston	Yankee Network, Inc.	WGTR	44,300	New York	Muzak Radio B'casting Sta.	WABF	47,500
Springfield	Westinghouse Radio Stas.	WBZA-FM	48,100	New York	Metropolitan Television, Inc.	WGYN	44,700
Worcester	Worcester Telegram Pub. Co.	WTAG-FM	46,100	New York	Stromberg-Carlson Co.	WHFM	45,100
				Rochester	WHEC, Inc.	WHEF	44,700
				Rochester	Capitol B'casting Co., Inc.	WBCA	44,700
				Schenectady	General Electric Co.	WGFM	48,500
				Schenectady			
<b>NORTH CAROLINA</b>							
				Winston-Salem	Gordon Gray	WMIT	44,100

(Continued on page 756)

## STATUS OF FM RADIO BROADCAST STATIONS

JUNE 1, 1944



KEY:  
 ● FM COMMERCIAL STATIONS LICENCED AND OPERATING  
 ○ FM COMMERCIAL CONSTRUCTION PERMIT ISSUED  
 ⊙ APPLICATION FOR COMMERCIAL FM CONSTRUCTION PERMIT FILED  
 ⊖ EXPERIMENTAL STATION OPERATING  
 ⊕ FM EDUCATIONAL STATION LICENCED AND OPERATING  
 ⊘ APPLICATION FOR FM EDUCATIONAL STATION FILED

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(Continued from page 721)

<b>OHIO</b>			
Columbus	WBNS, Inc. ....	WELD	44,500
<b>PENNSYLVANIA</b>			
Philadelphia	Wm. Penn B'casting Co. ....	WPEN-FM	47,300
Philadelphia	Pennsylvania B'casting Co. ....	WIP-FM	44,900
Philadelphia	*Seaboard Radio B'casting ....	WLBG	46,500
Philadelphia	WCAU B'casting Co. ....	WCAU-FM	46,900
Philadelphia	Westinghouse Radio Stas. ....	KYW-FM	45,700
Philadelphia	WFIL B'casting Co. ....	WFIL-FM	45,300
Pittsburgh	Westinghouse Radio Stas. ....	KDKA-FM	47,500
Pittsburgh	WWSW, Inc. ....	WTNT	44,700
<b>TENNESSEE</b>			
Nashville	National Life & Accident Ins. ...	WSM-FM	44,700
<b>UTAH</b>			
Salt Lake City	*Radio Serv. Corp. of Utah ...	KSL-FM	44,700
<b>WISCONSIN</b>			
Milwaukee	Journal Company ....	WMFM	45,500
Superior	Head of Lakes B'casting Co. ....	WDUL	44,500

## EXPERIMENTAL FM BROADCAST STATIONS OPERATING AS OF JUNE 1, 1944

Crosley Corp., Cincinnati, Ohio .....	W8XFM	43,200	1kw
Jansky and Bailey, Georgetown, D. C. ....	W3XO	43,200	1kw
National B'casting Co., Inc., New York, N. Y. ....	W2XWG	45,100	1kw
*C. P. only.			